

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

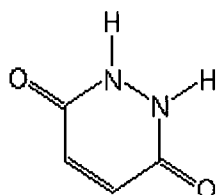
Analyte: Maleic hydrazide

CAS No.: 123-33-1

Formula: C₄H₄N₂O₂

Molecular mass (lowest isotopes): 112,03 amu

Structure:



Ionisation: ESI +

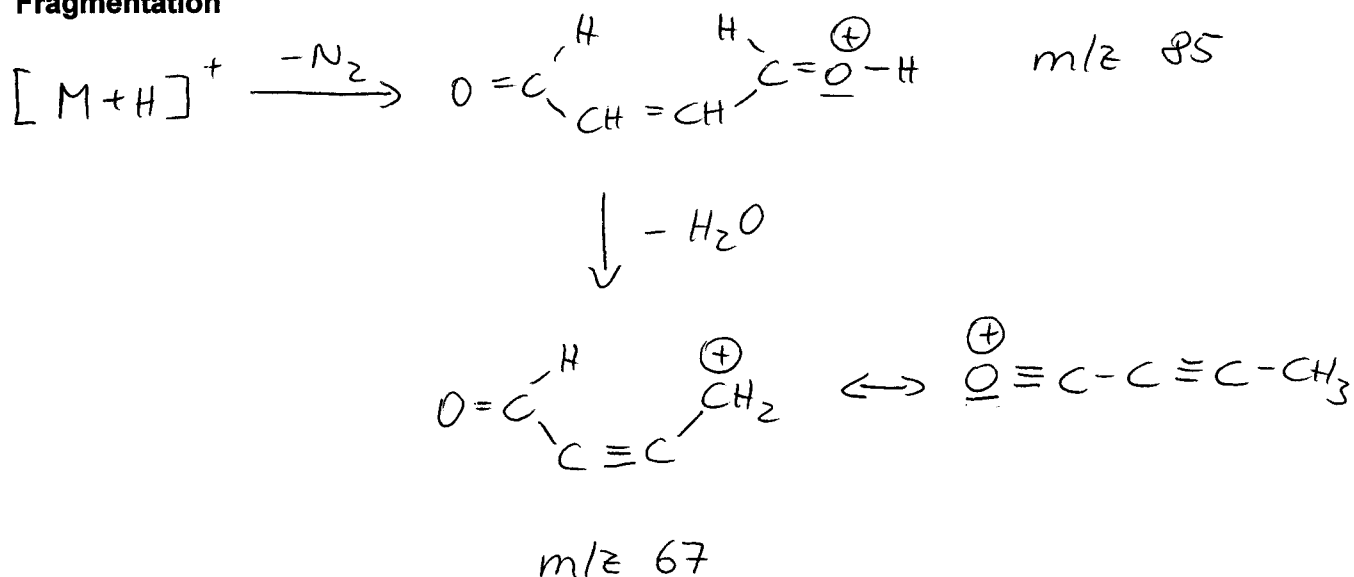
Quasimolecular ion: 113,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	113,0 → 85,2	113,0 → 66,9
Declustering potential (DP) ^{*)}	79V	79 V
Focusing potential (FP)	370 V	270 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	24 V	22 V
Collision energy (CE)	23 V	27 V
Collision cell exit potential (CXP)	4 V	8 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050718110408.wiff (Turbo Spray)

Max. 1.0e8 cps

